

**ABSTRACT**

The invention relates to a piece of equipment (1) that is used to detect detectable surgical products and, in particular, to detect electronically-detectable elements (EDE). The inventive equipment is of the type which uses an exploration unit (3) and a control unit (4), said exploration unit comprising means of emitting (15) electromagnetic radiations and means of receiving (16) the electronic radiations produced by the metallic alignment of the electronically detectable element (EDE). The aforementioned exploration unit (3) operates using a computer program which is integrated in the control unit (4) and which processes the morphology and the harmonics of the electromagnetic radiations received by the receiving means (16) in order to detect the presence of electronically-detectable elements (EDE) in the patient. The invention is based on the reading of the fundamental frequency harmonics of the electromagnetic radiation from the emitting means (15) and the inventive equipment comprises indicators (5a, 5b y 5c) which display results obtained.